

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows.

Please replace paragraph [0002] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

[0002] Typically, ink-jet printheads are devices for printing a predetermined image, color or black, by ejecting a small volume droplet of printing ink at a desired position on a recording sheet. In such ink-jet printheads, ink ejection mechanisms are largely categorized into two types depending on which ink droplet ejection method is used. One type of conventional ink-jet printhead is a thermally driven ink-jet printhead in which a heat source is employed to generate bubbles in ink to cause ink droplets to be ejected by an expansion force of the generated bubbles. However, the thermally driven type, in which ink is boiled to generate bubbles, requires excess energy ~~is required~~. In addition, there is a limitation on the type of ink used.